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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/505,374	07/22/2005	Rudolf Schwarte	1184-010	5164
616	7590	03/14/2006	EXAMINER	
THE MAXHAM FIRM 750 "B" STREET, SUITE 3100 SAN DIEGO, CA 92101			THOMPSON, TIMOTHY J	
			ART UNIT	PAPER NUMBER
			2873	

DATE MAILED: 03/14/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

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APPLICATION NO./ CONTROL NO.	FILING DATE	FIRST NAMED INVENTOR / PATENT IN REEXAMINATION	ATTORNEY DOCKET NO.
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EXAMINER

ART UNIT

PAPER

03/2006

DATE MAILED:

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner for Patents

This communication includes an Interview Summary and an Examiner's Amendment. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Timothy J. Thompson whose telephone number is (571) 272-2342. The examiner can normally be reached on 8:30 AM - 6:00 PM. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ricky Mack can be reached on (571) 272-2333. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

DETAILED ACTION**EXAMINER'S AMENDMENT**

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with ~~a on a~~ *LAWRENCE MAXHAM ON 3/6/2006.*
D.

The application has been amended as follows:

Abstract of the Disclosure

~~The invention relates to a~~ A method for detecting and/or processing signal waves that produce charge carriers in an article sensitive to the signal waves, ~~said charge carriers inducing a signal current in at least one readout electrode.~~ At least two modulation electrodes are provided, at least one of which is disposed in the proximity to a ~~of the at least one readout-electrode or to another readout electrode~~ in such a manner that, depending on the polarity sign of the modulation ~~voltage~~ voltage of the ~~respective~~ modulation electrode, the current flowing across the ~~associated~~ readout electrode is positive or negative. The invention further relates to a device for detecting and processing signal waves. ~~Said device comprises an OEP article that is sensitive to the signal waves, in which article the signal waves produce charge carriers, and at least one readout electrode (AK) that is linked with the charge carrier range of the article. At least two modulation electrodes (MKa, MKb) are provided, at least one of which is disposed in the proximity of the at least one readout electrode (AK) and the other in the proximity either of the same readout electrode (AK) or of another readout electrode (AK2).~~ The aim of the invention is to ~~provide~~ provides a method and a device that is capable of interlinking various optical and/or electronic signals in a logically digital or analogous

Art Unit: 2873

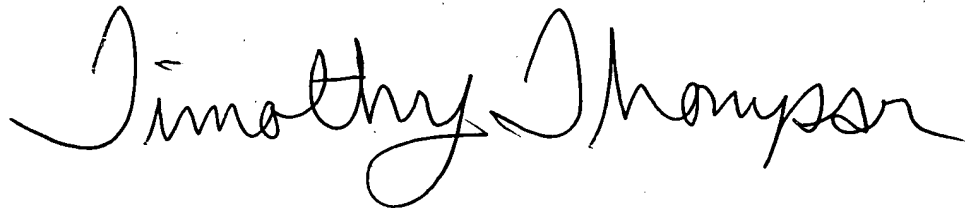
manner or to detect the course of optical signals by scanning (time interval measurements).

~~For this purpose, the modulation electrodes are modulated with relatively freely selectable voltage amplitude and/or phase relation, whereby the readout currents produced by the modulation voltages of the two modulation electrode are additively coupled. The inventive device is characterized in that the modulation electrodes are disposed relative to the readout electrode(s) in such a manner that, depending on the polarity sign of the modulation voltages of the respective modulation electrode, the current flowing across the associated readout electrode is positive or negative and that at least one device is provided by which the relative phase relation and/or the voltage amplitude of the two modulation voltages can be freely adjusted.~~

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Timothy J. Thompson whose telephone number is (571) 272-2342. The examiner can normally be reached on 8:30 AM - 6:00 Pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ricky Mack can be reached on (571) 272-2333. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.



TIMOTHY THOMPSON
PRIMARY EXAMINER